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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

09/971 U.S. PTO
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In re Patent Application of: Hyung Gun PARK, et al.

Serial No.: New Application Group Art Unit: Not Yet Assigned

Filed: October 12, 2001 Examiner: Not Yet Assigned

Title: METHOD AND APPARATUS FOR SEARCHER BEAMFORMING IN CDMA
BASE STATION SYSTEM USING ARRAY ANTENNA

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner for Patents
Washington, DC 20231

October 12, 2001

Sir:

As a means of complying with the duty of disclosure under 37 CFR §1.56, and in accordance with 37 CFR §§1.97 and 1.98, Applicant(s), through the undersigned attorney, submits this Information Disclosure Statement. The patents, publications or other information submitted herewith are listed on the attached Form PTO-1449 and copies are attached.

In accordance with 37 CFR §1.97(b)(1) or (2), this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, or within three months of the date of entry into the national stage of the above-identified application as set forth in 37 CFR §1.491. Accordingly, no fee is required.

Respectfully submitted,

JACOBSON HOLMAN, PLLC

By:


Yoon S. Ham

Registration No. 45,307

400 Seventh Street, N.W.
Washington, DC 20004
(202) 638-6666

Atty. Dkt. No.: P67203US0
YSH:ecl

JACOBSON, PRICE, HOLMAN & STERN, PLLC
400 SEVENTH STREET, N.W.
WASHINGTON, D.C. 20004-2201

09/07/5152
U.S. pro
10/12/01

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.: P67203US0 GROUP ART UNIT: Not Yet Assigned
SERIAL NO.: Not Yet Assigned FILING DATE: October 12, 2001
APPLICANT(S): Hyung Gun PARK, et al. TODAY'S DATE: October 12, 2001

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	INT'L CLASS	SUB- CLASS	FILING DATE (If Appropriate)
AA	<u>6,021,334</u>	<u>02/01/00</u>	<u>Aste et al.</u>	<u>H04B</u>	<u>1/10</u>	<u>11/06/97</u>
AB	<u>6,064,338</u>	<u>05/16/00</u>	<u>Kobayakawa et al.</u>	<u>G01S</u>	<u>3/16</u>	<u>08/27/98</u>
AC	<u>6,091,788</u>	<u>07/18/00</u>	<u>Keskitalo et al.</u>	<u>H04B</u>	<u>7/10</u>	<u>05/23/96</u>
AD	<u>6,108,565</u>	<u>08/22/00</u>	<u>Scherzer</u>	<u>H04Q</u>	<u>7/38</u>	<u>09/15/97</u>
AE	<u>6,122,260</u>	<u>09/19/00</u>	<u>Liu et al.</u>	<u>H04J</u>	<u>13/00</u>	<u>12/16/96</u>
AF						

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	SUB- CLASS	TRANSLATION (YES) (NO)
AG				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AH	<u>Goldberg & Fonollosa; Downlink Beamforming for Cellular Mobile Communications; 1997 IEEE; Pages 632-636.</u>
AI	<u>Tanaka et al.; Pilot symbol-Assisted Decision-Directed Coherent Adaptive Array Diversity for DS-CDMA Mobile Radio Reverse Link; IEICE Trans Fundamentals Vol. E80-A No. 12 December 1997; Pages 2445-2453.</u>

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

Information Disclosure Statements

U.S. Patent Application for METHOD AND APPARATUS FOR SEARCHER
BEAMFORMING IN CDMA BASE STATION SYSTEM USING
Our Ref. No. P01E6025/US/js

Reference Nos. : US6,091,788, US6,122,260, US6,021,334, US6,108,565, US6,064,338

Papers : (1)DOWNLINK BEAMFORMING FOR CELLULAR MOBILE
COMMUNICATIONS
(2)PILOT SYMBOL-ASSISTED DECISION-DIRECTED
COHERENT ADAPTIVE ARRAY DIVERSITY FOR DS-CDMA MOBILE
RADIO REVERSE LINK